

IN THE CLAIMS:

Please amend claims 5-6, 8-9, 18 and 22-23 to read as follows:

a1
1 5. (amended) The method of claim 1, further comprising establishing said
2 mismatch in dependency of frequency of said acoustical input signal.

1 6. (amended) The method of claim 1, further comprising time-delaying one of
2 said first and of said second signals before performing said co-processing.

a2
1 8. (amended) The method of claim 1, further comprising performing time-domain
2 to frequency-domain conversion of said first and second electrical signals before
3 performing said co-processing.

1 9. (amended) The method of claim 1, further comprising performing tie-domain
2 to frequency-domain conversion of said first and second electrical signals, generating for
3 subsequent time frames of said converting and for at least a part of the frequencies of said
4 conversion a complex mismatch control signal, thereby adjusting mutual phasing of said
5 first and second signals and performing said mismatch by said complex mismatch control
6 signal.

a3
1 18. (amended) The system of one of claims 14 to 16, further comprising time-
2 domain to frequency-domain conversion units interconnected between said outputs of
3 said at least two converters and said co-processing unit, said mismatch unit being
4 provided between an output of at least one of said time-domain to frequency-domain
5 conversion units and at least one input of said co-processing unit.

a4
1 22. (amended) The method of claim 1, wherein said acoustical to electrical
2 converters are microphones of a hearing aid apparatus.

1 23. (amended) The system of claim 13, wherein said acoustical to electrical
2 converters are integrated in a hearing apparatus.